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U. S. DEPARTMENT OF AGRICULTURE,

BUREAU OF ANIMAL INDUSTRY.

A. D. MELVIN, CHIEF OF BUREAU.

SERVICE AND REGULATORY ANNOUNCEMENTS.

FEBRUARY, 1916.

[This publication is issued monthly for the dissemination of information, instructions, rulings, etc., concerning the work of the Bureau of Animal Industry. Free distribution is limited to persons in the service of the bureau, establishments at which the Federal meat inspection is conducted, public officers whose duties make it desirable for them to have such information, and journals especially concerned. Others desiring copies may obtain them from the Superintendent of Documents, Government Printing Office, Washington, D. C., at 5 cents each, or 50 cents a year. A supply will be sent to each official in charge of a station or branch of the bureau service, who should promptly distribute copies to members of his force. A file should be kept at each station for reference.]

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CHANGES IN DIRECTORY.

Meat Inspection Inaugurated.

*1008. Fesenmeier Packing Co., Fourteenth Street and Madison Avenue, Huntington, W. Va.

1010. C. H. Paxton, Natural Bridge, Va.

1011. The Weideman Co., West Ninth Street and Mandrake Avenue, Cleveland, Ohio.

427. Richardson & Robbins Co., Dover, Del.

1007. The Haserot Canneries Co., Forestville, N. Y.

881. Nathan Zimmermann, jr., 149 State Street, New Haven, Conn.

Meat Inspection Discontinued.

42–B. Jacob Dold Packing Co., 307–309 North Seventeenth Street, Richmond, Va.

2–Y. Armour and Co., East Liverpool, Ohio.

*986. The Elmore Live Stock Co., Post Office Box 43, Peoria, Ill.

*800. The Misses Gregory Co., 30½ Lafayette Street, Newark, N. J.

255. Merrell-Soule Co., corner Franklin and Plum Streets, Syracuse, N. Y.

*Conducts slaughtering.

Change in Firm Address.

2–UU. Armour & Co., 307 North Seventeenth Street, Richmond, Va., instead of Grace and Union Streets.

Change in Firm Name.

531. Hately Brothers (and Hately Cold Storage Co., subsidiary), Thirty-seventh and Iron Streets, Chicago, Ill., instead of Hately Cold Storage Co.

Change in Number of Establishment.

224–B. Carsteens Packing Co. (and Empire Packing Co., subsidiary), Broadway and Regal Streets, Spokane, Wash., instead of establishment No. 684.

Stations Added.

Huntington, W. Va., meat inspection, Dr. E. B. Jansman, care Fesenmeier Packing Co., Fourteenth Street and Madison Avenue.

Natural Bridge, Va., meat inspection (substation of Richmond, Va.).

Oakland, Cal., inspection of plants manufacturing viruses, serums, toxins, etc., Dr. W. J. Stewart, Arco Apartments, 1438 Madison Street.

Dover, Del., meat inspection (substation of Philadelphia, Pa.).

Forestville, N. Y., meat inspection (substation of Buffalo, N. Y.).

Station Discontinued.

East Liverpool, Ohio, meat inspection (substation of Pittsburgh, Pa.).

Name Removed from Address List.

Dr. C. L. Wagner, Marshall, Mo. (Marshall, Mo., will be carried as a substation of Kansas City, Kans.)

Change of Official in Charge.

Dr. W. H. Timmons, P. O. box 254 (office at the Pearl Packing House, 710 North West Street), Madison, Ind., instead of Dr. Henry Loth.

Changes in Addresses of Officials in Charge.

Dr. J. A. Barger, 605 Millsaps Building, Corner Capital and Roach Streets, Jackson, Miss., instead of Jackson, Miss.

Dr. W. M. MacKellar, 306 Federal Building, San Diego, Cal., instead of 219 Federal Building.

Dr. W. E. Howe, 444 Post-Office Building, Denver, Colo., instead of 339 Railway Exchange Building.

Dr. E. I. Smith, 603–604 Roumain Building, Baton Rouge, La., instead of Alexandria, La.

Dr. Julius Huelsen, 303–304 United States Barge Office, New York, N. Y., instead of 104 West Forty-second Street.

Note.

Meat inspection has been extended at establishments 20–B, 20–J, 20–K, 20–M, 20–R, 20–U, 20–V, and 20–X to include Sulzberger & Sons Co.

NOTICES REGARDING MEAT INSPECTION.

HOLDING SWINE FOR FURTHER OBSERVATION AND TAKING OF TEMPERATURES.

When swine are presented for ante-mortem inspection under the meat-inspection regulations and only a part of the lot show a temperature of 106° F. or higher, and the owner or agent requests that the animals with high temperatures he held for further observation and taking of temperatures, those animals of the lot which show a temperature lower than 106° F. need not he held but should be permitted to proceed to slaughter in accordance with the terms of the regulations applicable to such animals.

REPORTING PRODUCTS PREPARED FROM MEATS PASSED FOR STERILIZATION.

Until revised forms are printed, the following changes should be made on the present forms covering the handling of meats passed for sterilization. On M. I. Form 124–A insert the words "and other" between the words "Canned" and "product," so that it will read: "Canned and other product," from meats passed for sterilization. On M. I. Form 110 make the heading to read "Product sterilized." On M. I. Forms 140 and 140–A, change the headings to read, "Removed for sterilization."

DISINFECTING SOLUTIONS FOR HIDES AND SKINS.

Under paragraph 3, section 8, regulation 10, of B. A. I. Order 211, as amended by amendment 2, the use is permitted in official establishments of the following saponified cresol solutions as substitutes for liquor cresolis compositus in disinfecting hides and skins:

"*Licresolis*," manufactured by the West Disinfecting Co., New York, N. Y.

"*Cre-septic*," manufactured by the Theo. B. Robertson Soap Co., Chicago, Ill.

"*Crestall Dip*," manufactured by Baird & McGuire, Boston, Mass.

"*Van Schaack's Liquor Cresolis Comp.*," manufactured by Peter Van Schaack & Sons, Chicago, Ill.

ANIMALS SLAUGHTERED UNDER FEDERAL MEAT INSPECTION, JANUARY, 1916.

City.	Cattle.	Calves.	Sheep.	Goats.	Swine.
Chicago	174,081	26,658	262,848	722	1,027,811
Fort Worth	17,622	4,418	4,982	1,080	84,262
Kansas City	70,216	4,754	123,969	680	357,477
National Stock Yards	44,376	5,332	24,125	567	228,495
Omaha	66,046	2,313	162,996	36	317,654
Sioux City	24,240	597	17,425	1	168,486
South St. Joseph	19,258	1,510	59,104	119	234,745
All other establishments	206,668	83,649	320,968	280	2,968,403
Total—January, 1916	622,507	129,231	976,417	3,485	5,387,333
January, 1915	572,748	108,642	1,196,268	2,356	4,273,788
Seven months ending January, 1916	4,569,291	985,974	7,608,180	95,878	23,486,251
Seven months ending January, 1915	4,330,639	888,585	8,525,355	106,936	20,239,336

IMPORTS OF FOOD ANIMALS AND OF MEATS AND MEAT FOOD PRODUCTS.

The statements following show the imports of food animals and of meats and meat food products inspected by the Bureau of Animal Industry during January, 1916, with figures for other periods for comparison.

Imports of food animals.

Country of export.	Cattle.	Swine.	Sheep.	Goats.
Mexico	8,738	8	.....	1,097
Canada	3,671	12	46	.....
Total—January, 1916	12,409	20	46	1,097
January, 1915	37,958	25,382	22,200	1,286
Seven months ending January, 1916	374,801	3,752	191,726	74,928
Seven months ending January, 1915	382,897	147,594	105,037	36,692

Imports of meats and meat food products.

Country of export.	Fresh and refrigerated.		Canned and cured meats.	Other products.	Total.
	Beef.	Other.			
	Pounds.	*Pounds.*	*Pounds.*	*Pounds.*	*Pounds.*
Argentina	9,505,842	2,759,088	.....	66,147	12,331,077
Brazil	1,144,890	.....	.....	.....	1,144,890
Canada	200,716	23,964	33,798	54,373	312,851
Uruguay	1,149,735	80,398	.....	167,006	1,397,139
Other countries	.....	.....	27,949	36,467	64,416
Total—January, 1916	12,001,183	2,863,450	61,747	323,993	15,250,373
January, 1915	25,131,158	2,654,171	1,027,777	315,742	29,128,848
7 months ending January, 1916	65,340,583	10,547,195	2,123,537	1,302,053	79,393,368
7 months ending January, 1915	133,732,806	20,862,836	21,390,087	4,136,895	180,122,624

Condemned in January, 1916: Beef, 7,552 pounds; mutton, 156 pounds; total, 7,708 pounds. Refused entry: Beef, 468 pounds; pork, 2,964 pounds; total, 3,432 pounds.

FOREIGN OFFICIALS AUTHORIZED TO SIGN INSPECTION CERTIFICATES FOR MEAT AND PRODUCTS FOR IMPORTATION INTO THE UNITED STATES.

The following are additional names, addresses, and facsimile signatures of foreign National Government officials authorized to sign and issue certificates of inspection for meat and meat food products offered for importation into the United States:

Country, name, and address.	Signature.
Brazil.	
Alfredo Porphirio de Araújo, Belem.	Alfredo P. de Araujo
Thomas Pompeo de Souza Brazil Filho, Fortaleza.	Thomaz Pompeu de Souza Brazil F.º
José Pires Filho, Recife.	José Pires Filho
Dionysio da Silva Lima Pereira, Bahia.	Dionysio Pereira
Luiz Ribeiro de Souza, São Paulo.	Luiz Ribeiro de Souza

Country, name, and address.	Signature.
Cantidiano de Almeida, Uberaba.	Cantidiano de Almeida
Arnaldo Cyriaco de Oliveira Rocha, Campos.	Arnaldo Cyriaco de Oliveira Rocha
Aluizio Franca, Ponta Grossa.	Aluizio Franca
José Bonifacio da Cunha, Florianopolis.	José Bonifacio da Cunha
Ulysses Pereira de Nonohay, Santa Maria da Bocca do Monte.	Ulysses de Nonohay

NAMES REMOVED FROM LIST.

China.

Louie Hugh, Canton.
C. F. Ying Bung, Shanghai.

INSPECTION AND TESTING OF ANIMALS FOR CANADA.

The following changes have been made in the list of practicing veterinarians registered by the bureau and authorized to inspect and test with mallein horses, mules, and asses intended for export to Canada:

Names added to list.

Dr. S. Sheldon, Trenton, Mo.
Dr. R. M. Allen, Marshalltown, Iowa.
Dr. E. Brainerd, Memphis, Mo.

Change in address.

Dr. C. McDowell, from La Crosse, Wis., to Watertown, S. Dak.

INDORSEMENT OF MALLEIN-TEST CERTIFICATES ISSUED BY REGISTERED VETERINARIANS.

The registration of practicing veterinarians with the bureau is in accordance with a provision of the regulations of the Canadian Department of Agriculture governing the entry of horse stock into that country, and is for the purpose of permitting such veterinarians to apply mallein tests and to issue certificates eligible for indorsement by a bureau inspector. Registered veterinarians are not authorized by the bureau to apply mallein tests to horse stock intended for interstate shipment, or to apply tuberculin tests to cattle for any purpose, and certificates of such tests issued by

registered veterinarians are not eligible for indorsement by bureau inspectors. All export shipments of dairy or breeding cattle must pass a satisfactory tuberculin test by an inspector of this bureau as required by amendment 1 to B. A. I. Order 139. Certificates of ophthalmic mallein test issued by a registered veterinarian for horse stock intended for shipment to Hawaii may, as in the case of certificates to accompany similar shipments to Canada, be indorsed by a bureau inspector.

PERMITTED DIPS FOR CATTLE AND SHEEP SCABIES.

The following is a complete list of the dips permitted for use in the official dipping of cattle and sheep for scabies in accordance with the provisions of B. A. I. Order 210 and Amendment 4:

Lime-and-sulphur dips.

Name of dip.	Gallons of dip.	Gallons of water.	
		For cattle.	For sheep.
The Adams Lime-and-Sulphur Dip	1	15	20¼
The Anchor Brand Lime-and-Sulphur Dip	1	13	17½
Armstrong's Lime-and-Sulphur Solution	1	12½	17
Dow Lime-Sulphur Solution	1	14¾	20
Eckman's Lime-Sulphur Solution	1	15	20¼
Grasselli Lime-Sulphur Solution	1	15	20½
Latimer's Lime-Sulphur Solution	1	14¾	20
Lilly's Lime-and-Sulphur Solution	1	13¾	18½
National Lime-and-Sulphur Dip	1	5	7
Niagara Lime-and-Sulphur Solution	1	14	19
Rex Lime-and-Sulphur Solution	1	15	20¼
Richards's Lime-and-Sulphur Dip	1	9¾	13¼
Sherwin-Williams Lime-Sulphur Solution	1	13	17½
Sherwin-Williams No. 15 Cattle Dip	1	15	20¼
"Upon Honor Lime-Sulphur Wash"	1	12½	17

Nicotin dips.

Black Leaf Tobacco Extract, 5/100 of 1 per cent nicotin, with 2 per cent flowers of sulphur.

Black Leaf 40, 5/100 of 1 per cent nicotin, with 2 per cent flowers of sulphur.

PIGS USED IN TESTING ANTI-HOG-CHOLERA SERUM TO BE HELD UNDER OBSERVATION.

Under authority contained in regulation 22, amendment 1 to B. A. I. Order 196, it is hereby ordered that on and after March 1, 1916, pigs which are injected with serum in serum tests shall be held under the observation of a bureau employee for a period of 21 days or longer in the discretion of the inspector in charge.

TEXAS - FEVER QUARANTINE—WITHDRAWAL OF PERMISSION FOR SHIPMENT OF SOUTHERN CATTLE TO CERTAIN PLACES FOR IMMEDIATE SLAUGHTER.

Referring to regulation 2 of B. A. I. Order 210, State and Federal permission has been *withdrawn* for the shipment of southern cattle for immediate slaughter to the following places:

PENNSYLVANIA: *Philadelphia.*—Consolidated Dressed Beef Co., D. B. Martin Co., and West Philadelphia Stock Yards Co.

MISSOURI: *Springfield.*—Tegarden Packing Co.

ILLINOIS: *Cairo.*—Bucher Packing Co.

CONVICTIONS FOR VIOLATIONS OF LAWS.

MEAT-INSPECTION LAW.

For violations of the meat-inspection law the following-named defendants were fined the amounts indicated:

Acker, Merrall & Condit Co., New York, N. Y., $50.
George Y. Signor, Downsville, N. Y., $10.
E. E. Darling & Co., Troy, N. Y., $10.
J. H. Townsend, Walton, N. Y., $15.
Ira McIntosh, South Kortright, N. Y., $10.
John H. Space, Monroe, N. Y., $10.
Herman M. Caskey, New Hampton, N. Y., $10.

TWENTY-EIGHT HOUR LAW.

The following results of prosecutions for violations of the 28-hour law were reported to the bureau during the month of February, 1916:

No. cases.	Defendant.	Penalty.	
		Fine.	Costs.
2	Northern Pacific Ry. Co	$200	And costs.
1	Baltimore & Ohio R. R. Co	150	Do.
	Total (3 cases)	350	

QUARANTINE LAWS.

The following results of prosecutions for violations of the live-stock quarantine law were reported to the bureau during the month of February, 1916:

No. cases.	Defendant.	Nature of violation.	Penalty.	
			Fine.	Costs.
1	Richmond, Fredericksburg & Potomac R. R. Co.	Interstate shipments in violation of Texas fever regulations.	$200.00	$17.30
1	Southern Railway Co	do	100.00	16.90
1	Chicago, Rock Island & Gulf Ry. Co.	Interstate shipments in violation of sheep scabies regulations.	100.00	And costs.
	Total (5 cases)		700.00	34.20

REPORTING VIOLATIONS OF 28-HOUR LAW.

Inspectors in charge are directed to render reports on the F. I. 59 forms covering all interstate shipments of live stock arriving apparently in violation of the 28-hour law, in which the animals have been confined in the cars beyond the period of 28 hours, where no request was made for the extension of time of confinement to 36 hours, and beyond the period of 36 hours where request for such extension was made in proper form. The effect of these instructions is to provide at all bureau stations a uniform method of reporting violations of the 28-hour law and the forwarding of reports of all shipments where the animals are confined beyond the statutory period.

PUBLICATIONS IN FEBRUARY.

[The bureau keeps no mailing list for sending publications to individual employees, but publications are sent in bulk to inspectors in charge for distribution to members of their forces. The number of copies varies with the subject or nature of the publication and the number and class of employees. For example, in the case of a publication on a veterinary subject, sufficient copies are sent for the veterinarians. Inspectors in charge will use their judgment and distribute publications to best advantage. Additional copies will be furnished on request so far as possible.]

Chemical Testing of Milk and Cream. By Roscoe H. Shaw, chemist, Dairy Division. Pp. 38, figs. 31. (Unnumbered pamphlet.)

Effects of Refrigeration upon Larvæ of Trichinella Spiralis. By B. H. Ransom, Chief of the Zoological Division. Pp. 819–854. (Reprint from the Journal of Agricultural Research, Jan. 31, 1916.)

Amendment 46 to B. A. I. Order 238. To Prevent the Spread of Foot-and-Mouth Disease in Cattle, Sheep, Other Ruminants, and Swine. (Modifies the quarantine in relation to the State of Illinois.)

Amendment 47 to B. A. I. Order 238. (Releases from quarantine the county of Lake and the Union Stock Yards at Chicago, and modifies the quarantine of Christian County, Ill.)

Amendment 48 to B. A. I. Order 238. (All of Christian County, Ill., is made free area except the townships of May, Locust, Taylorville, Johnson, and Assumption.)

Amendment 1 to B. A. I. Order 241. To Prevent the Spread of Splenetic, Southern, or Texas Fever in Cattle. (Releases from quarantine portions of Florida, Georgia, Mississippi, North Carolina, South Carolina, and Texas.)

B. A. I. Order 242. To prevent the Spread of Foot-and-Mouth Disease in Cattle, Sheep, Other Ruminants, and Swine. (Prohibits the interstate movement of animals for purposes other than slaughter from the territory designated unless accompanied by a Federal certificate.)

ORGANIZATION OF THE BUREAU OF ANIMAL INDUSTRY.

Chief: A. D. Melvin.
Assistant Chief: John R. Mohler.
Chief Clerk: Charles C. Carroll.
Animal Husbandry Division: George M. Rommel, chief.
Biochemic Division: M. Dorset, chief.
Dairy Division: B. H. Rawl, chief.
Field Inspection Division: R. A. Ramsay, chief.
Meat Inspection Division: R. P. Steddom, chief.
Miscellaneous Division: A. M. Farrington, chief.
Pathological Division: Adolph Eichhorn, chief.
Quarantine Division: Richard W. Hickman, chief.
Zoological Division: B. H. Ransom, chief.
Experiment Station: E. C. Schroeder, superintendent.
Editor: James M. Pickens.
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